

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	165	(604/6.16).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:35
S2	60	S1 and (diameter and taper\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/06 10:01
S3	1715	"tapered tube"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/05 17:43
S4	1715	"tapered tube"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/06 09:49
S5	200	S4 and blood	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/06 10:01
S6	702	(604/8).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/06 09:50
S7	2131	(604/264).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/06 10:01
S8	665	S7 and (diameter and taper\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/06 10:35
S9	39	bernoulli and extracorporeal and blood	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/06 10:35
S10	31	("1538427"   "1659354"   "1735964"   "1924921"   "2320886"   "2575240"   "3322147"   "3490732"   "3552712"   "3687365"   "3717174"   "3911898"   "3955557"   "4135550"   "4182357"   "4195810"   "4250872"   "4424009"   "4515536").PN. OR ("5305982").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 10:37
S11	19	("3490732").URPN.	USPAT	OR	OFF	2005/12/06 10:38

## EAST Search History

S12	14	("3039309"   "3406633"   "4250872").PN. OR ("4515536").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 10:40
S13	421	(bernoulli and flow) same constant	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 10:41
S14	187	S13 and tube	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 10:43
S15	7	(venturi near5 (tube or conduit)) and extracorporeal and blood	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 10:44
S16	227	(venturi near5 (tube or conduit)) and (extracorporeal or blood)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 10:45
S17	227	(venturi near5 (tube or conduit)) and (blood)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 10:46
S18	40	(venturi near5 (tube or conduit)) same (blood)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 10:48
S19	122	(venturi adj2 tube) and blood	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 10:51
S20	179	venturi and dialysis	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 10:53
S21	46	venturi and extracorporeal	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/06 10:51
S22	815	(604/27,30).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/06 12:25
S23	2131	(604/264).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/06 12:25
S24	851	(606/153).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/06 12:27
S25	2138	"137"/\$.ccls. and (bernoulli or venturi)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/06 12:28

## EAST Search History

S26	1941	"137"/\$.ccls. and venturi	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/06 12:28
S27	24	S26 and blood	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/06 12:28
S28	63	bernard-steven.in. or stickan-kelley. in. or gelfand-mark.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/06 12:29
S29	39	S28 and tube	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/06 12:29
S30	2	("6699231").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/06 15:17
S31	2	(extracorporeal near3 tube) same (diameter and taper\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 11:44
S32	113	(blood near3 tube) same (diameter and taper\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:00
S33	24	("3046903"   "3175498"   "4031745"   "4347874"   "4499045"   "4515536"   "4781548"   "4790356"   "Re25788"   "Re29331").PN. OR ("4954055").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/29 10:05
S34	19	("3638649"   "3713441"   "3818511").PN. OR ("3882862"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/29 10:38
S35	10	(extracorporeal near3 tube) same (diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 11:46
S36	12	(extracorporeal near5 tube) same (diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 11:46
S37	33	(extracorporeal with tube) same (diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 11:47

## EAST Search History

S38	149	((blood with tube) same (diameter)) and (extracorporeal with circulation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 11:53
S39	947	(417/477.1-477.14).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 11:53
S40	174	S39 and (tube with diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 11:53
S41	29	("0014778"   "1752810"   "2123781"   "2519642"   "2885966"   "3105447"   "3591319"   "3875970"   "3918854"   "4288205"   "4487604"   "4558996"   "4673334"   "4705464"   "5024586"   "5037274"   "5067879"   "5482447"   "5693020"   "5709539"   "5759017").PN. OR ("6494693"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/29 12:19
S42	52	tapered same peristaltic same tube	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/29 12:27
S43	31	("3140666"   "3353491"   "3723030"   "3740173"   "4108575"   "4347874"   "4496295"   "4585399"   "4673334"   "4798590").PN. OR ("4976590").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/29 12:22
S44	22	(extracorporeal same tube) and (venturi or bernoulli)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/29 12:29
S45	338	(blood same tube) and (venturi or bernoulli)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/29 12:30
S46	183	(blood with tube) and (venturi or bernoulli)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/29 12:30
S47	117	S46 and pump	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/29 12:30
S48	186	(604/6.16).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:35

## EAST Search History

S49	139	S48 and diameter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:37
S50	22	"4499045"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:39
S51	10182	tube with reduced with diameter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:40
S52	204	tube with reduced with diameter with center	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:41
S53	0	vriable with diameter with tube	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:41
S54	1099	variable with diameter with tube	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:41
S55	176	S54 and blood	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:45
S56	9	("3882862" "6039078" "6595966" "6893413").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:48
S57	2	("4173981").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:48
S58	10	("RE25788").URPN.	USPAT	OR	OFF	2006/06/29 12:51
S59	542	(604/153).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:51
S60	20	S59 and taper	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:52
S61	98	S59 and taper\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:54

## EAST Search History

S62	1546	blood and taper and narrow and wide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:55
S63	1101	S62 and tube	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:54
S64	311	blood and (taper\$3 near3 tube) and narrow and wide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 12:55
S65	5	blood and (taper\$3 near3 tube) same (narrow and wide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 13:05
S66	307	blood and (tube same (flare\$2 near2 end))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 13:06
S67	6	blood and (tube same (flare\$2 near2 end)) and (turbulent same flow)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 13:10
S68	11	flare and (extracorporeal with circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 13:11
S69	19	("3100490"   "3885565"   "R025788").PN. OR ("4022218").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/29 13:13
S70	16	tube and flare\$ near5 ends and extracorporeal	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/29 13:18
S71	306	variable and diameter and tube and (roller with pump) and blood	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/29 13:21
S72	21	(variable with diameter) and tube and (roller with pump) and blood	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/29 15:49
S73	1356	(138/177).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:50
S74	543	(138/118).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:50

## EAST Search History

S75	1152	(138/37).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:50
S76	528	(422/44).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:51
S77	299	(604/6.11).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:51
S78	611	(604/4.01).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:51
S79	142	(604/7).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:51
S80	441	(604/9).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:51
S81	645	(604/65).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:51
S82	723	(604/151).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:51
S83	59	(bianco.xa. or bianco.xp.) and (tube and restrict\$4 and lumen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/27 15:39
S84	2	("6556873").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/08 13:08
S85	4	((("6556873") or ("6549812"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/08 13:08
S86	2	("20050159696").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/24 15:56

## EAST Search History

S87	353	(taper\$3 with pump with tube)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/24 16:14
S88	24	("3046903"   "3175498"   "4031745"   "4347874"   "4499045"   "4515536"   "4781548"   "4790356"   "Re25788"   "Re29331").PN. OR ("4954055").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/24 16:22
S89	16	("3039309"   "3406633"   "4250872").PN. OR ("4515536"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/24 16:23
S90	11	("RE25788").URPN.	USPAT	OR	OFF	2008/01/24 16:26